

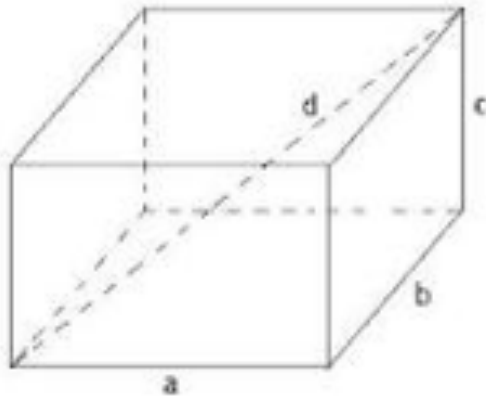
Name _____

Hour _____

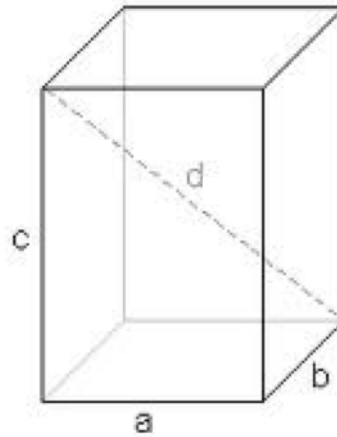
PYTHAGOREAN THEOREM in 3-D

Find the length of d using the Pythagorean Theorem. Shade and redraw the right triangle(s) for each diagram. Round all answers to the nearest hundredth if necessary.

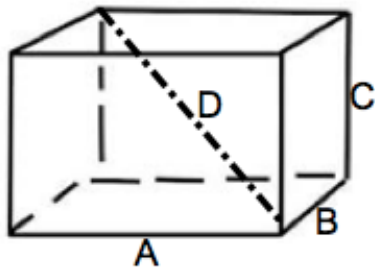
1. $a = 10$ cm, $b = 14$ cm, $c = 8$ cm



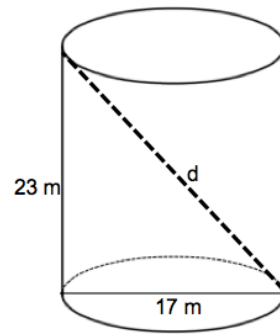
2. $a = 3$ ft, $b = 4$ ft, $c = 9$ ft



3. $a = 10\text{ cm}$, $b = 6\text{ cm}$, $c = 7\text{ cm}$



4. Solve for d.



5. Calculate the distance between $(8, 7)$ & $(0, -5)$

